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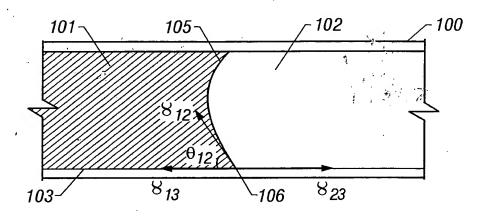


FIG. 1

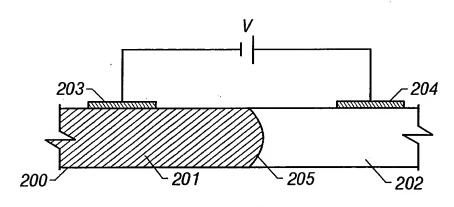


FIG. 2

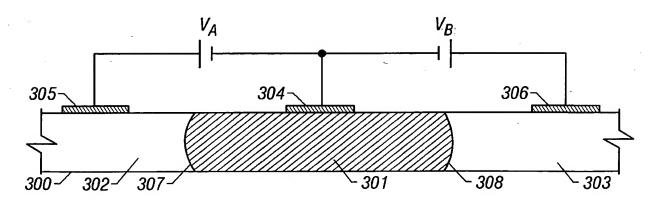
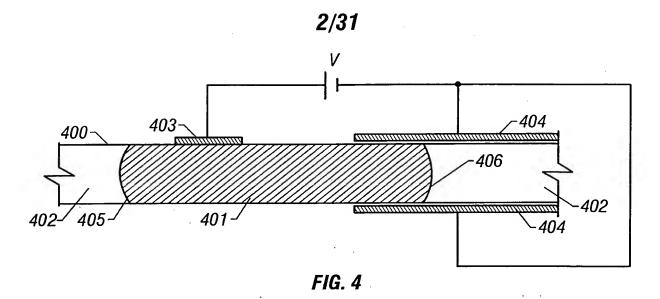


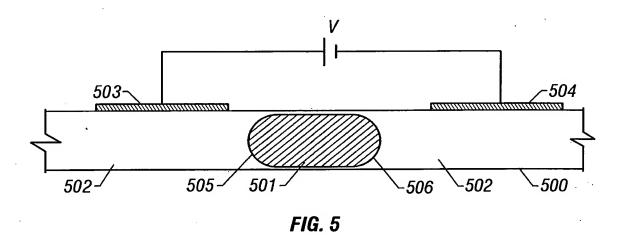
FIG. 3

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Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES Inventor: A TICKNOR et al. Application to Be Assigned Docket No.: 573/122002400

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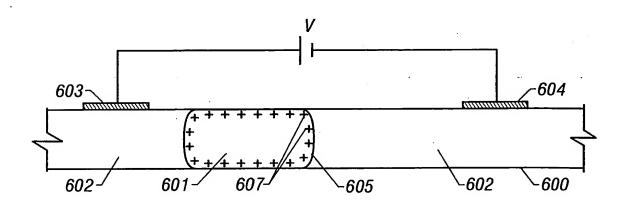


FIG. 6

Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES Inventor: Dony J. TICKNOR et al. Applicat To Be Assigned Docket No. 3722002400 Sheet 3 of 31

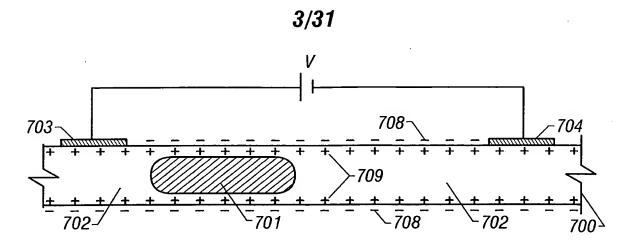


FIG. 7

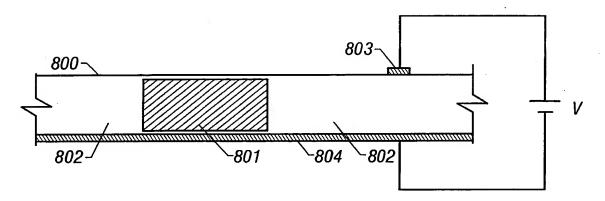


FIG. 8

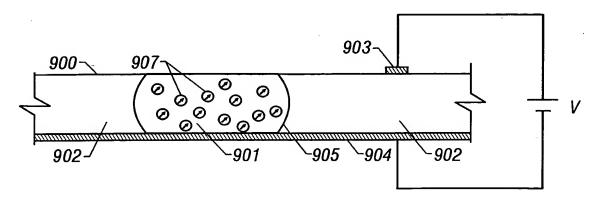
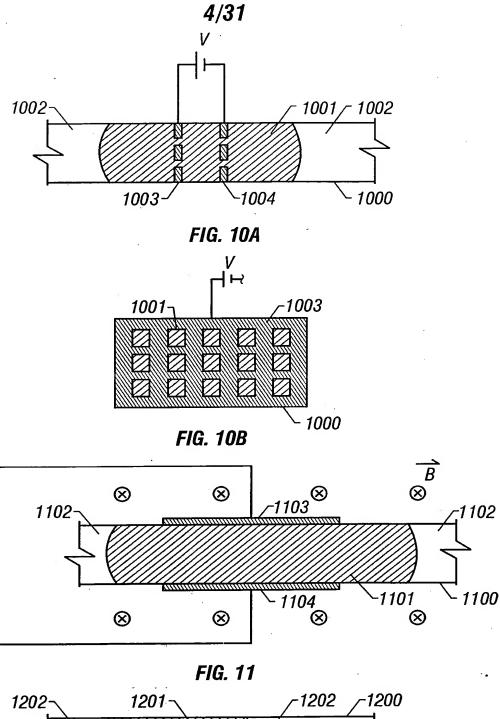


FIG. 9

Inventor: ony J. TICKNOR et al. Applicat : To Be Assigned Docket No. 3722002400

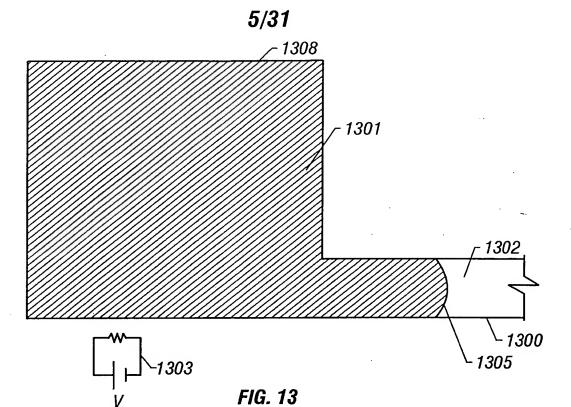
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1202 1201 -1202 -1200 1205 1206 -1203 FIG. 12

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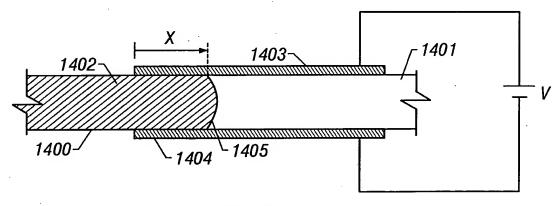
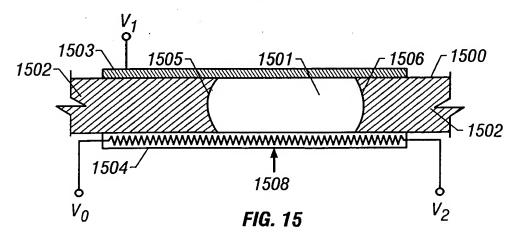


FIG. 14



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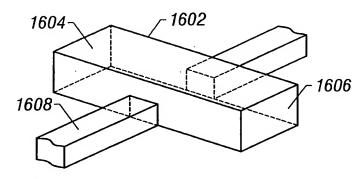
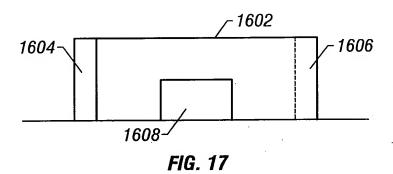


FIG. 16



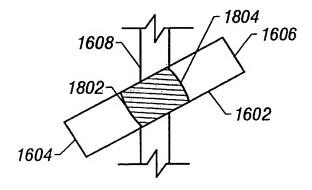


FIG. 18

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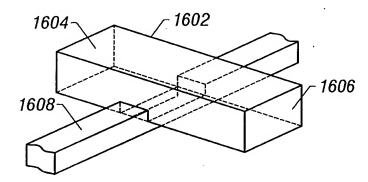
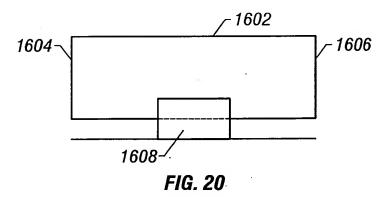


FIG. 19



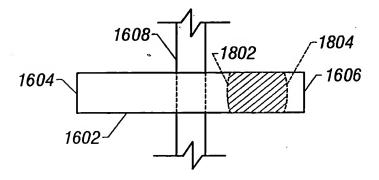


FIG. 21

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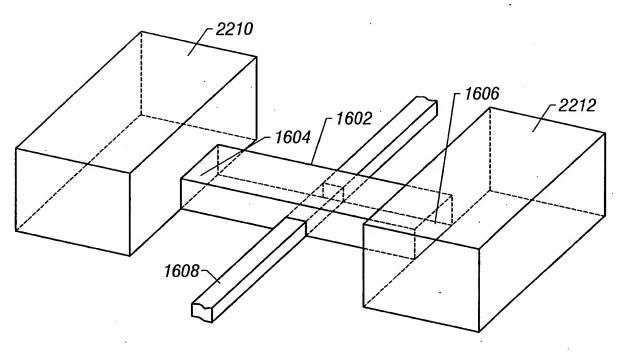
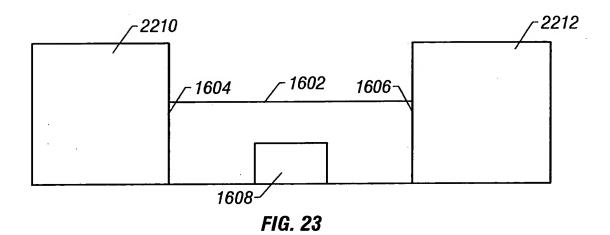


FIG. 22



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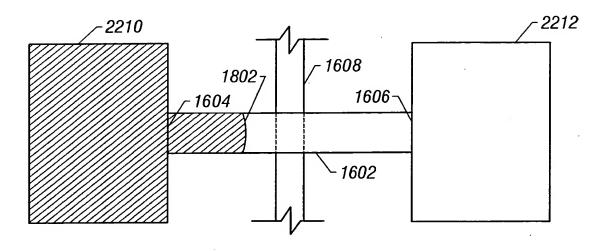


FIG. 24

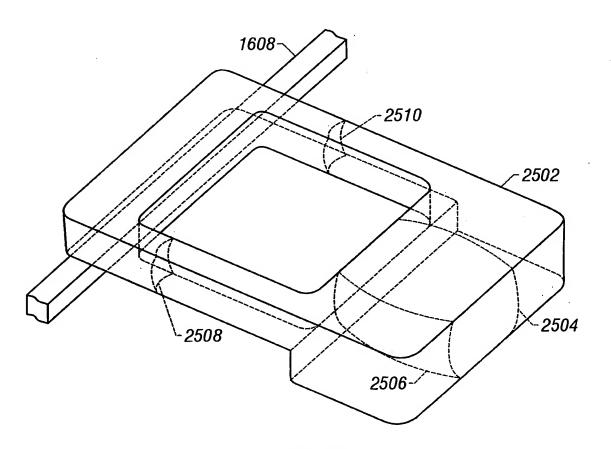
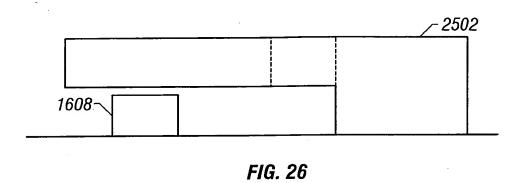
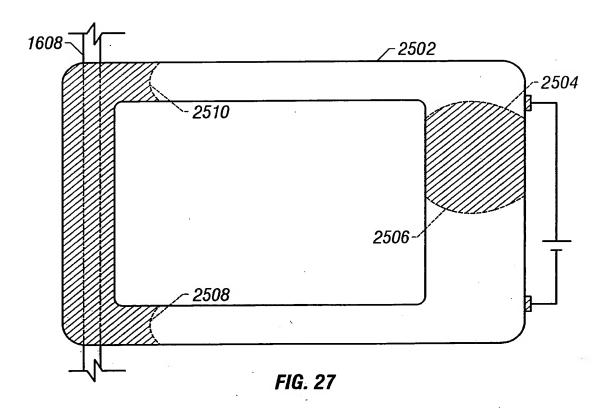


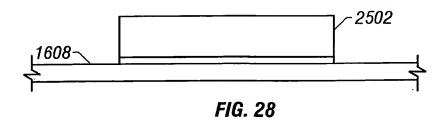
FIG. 25

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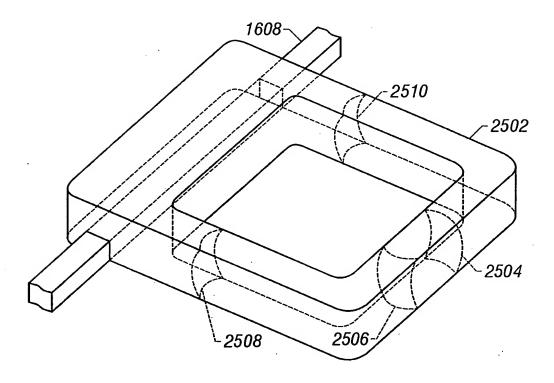


FIG. 29

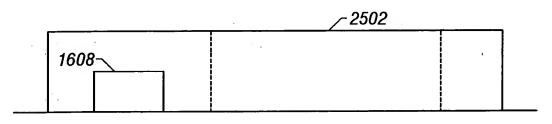
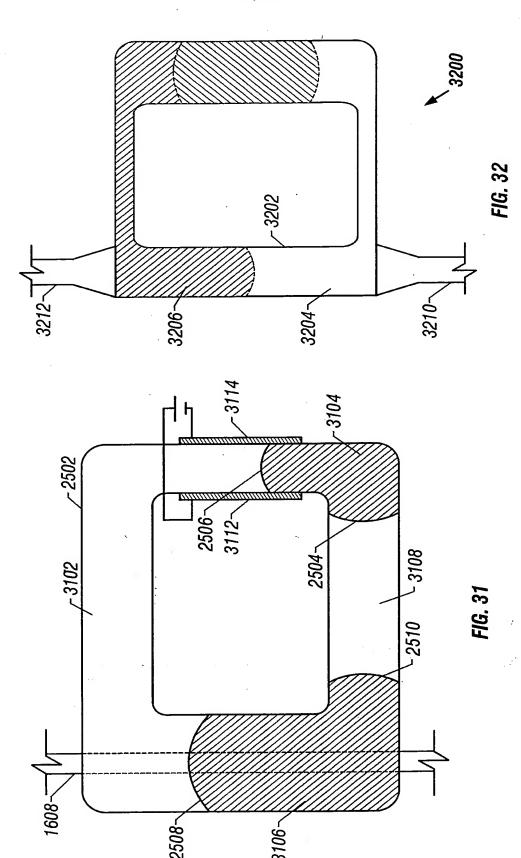


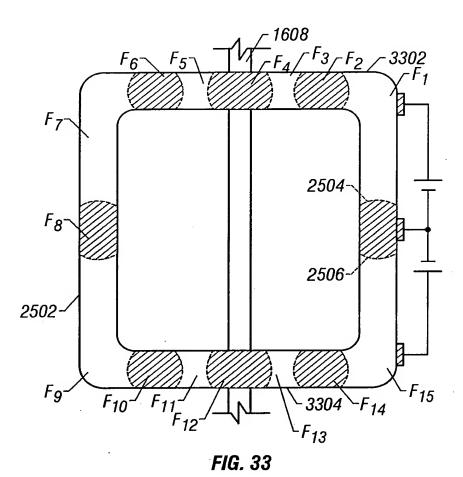
FIG. 30

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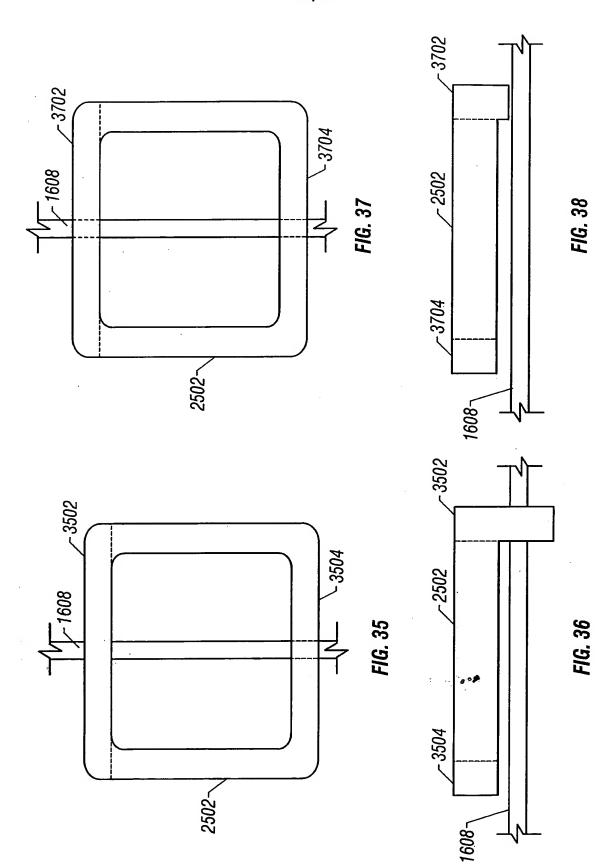
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FIG. 34

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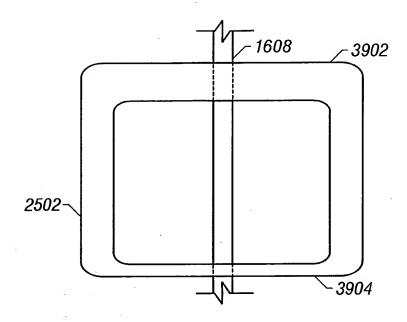


FIG. 39

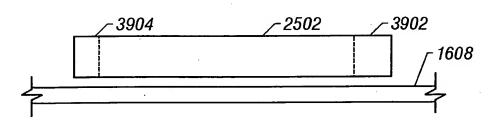


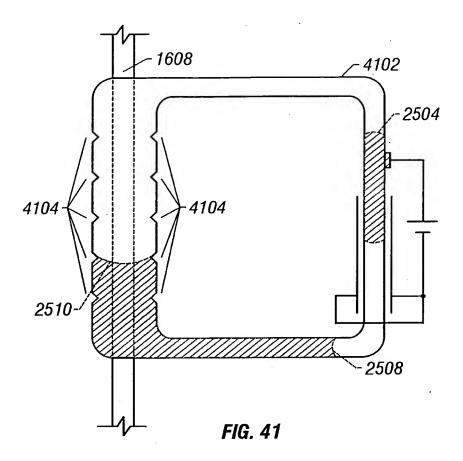
FIG. 40

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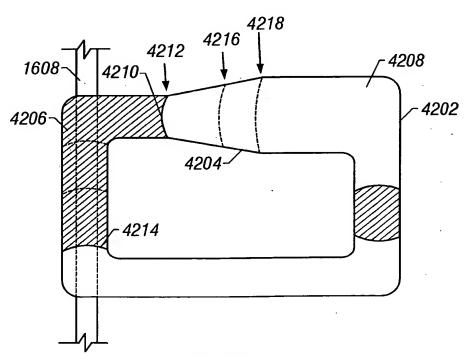


FIG. 42

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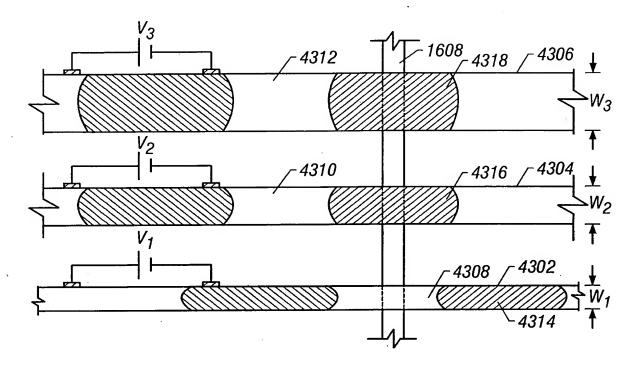


FIG. 43

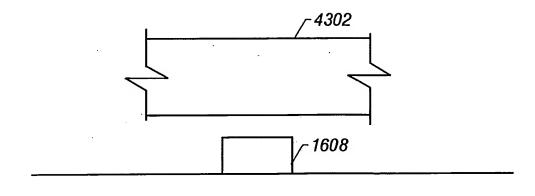


FIG. 44

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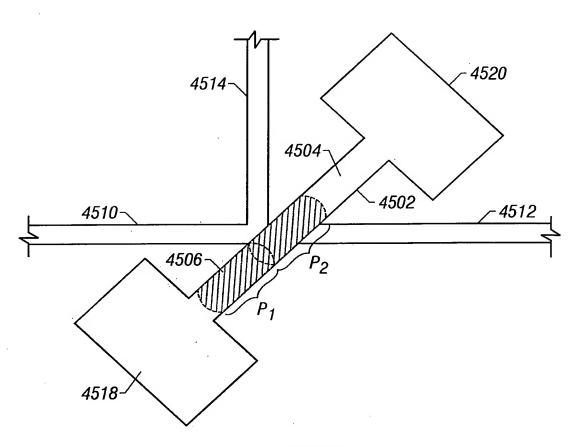


FIG. 45A

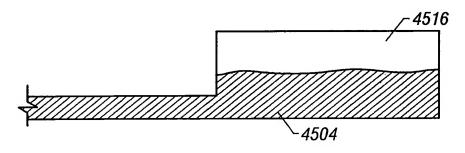


FIG. 45B

Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES Inventor: A J. TICKNOR et al.

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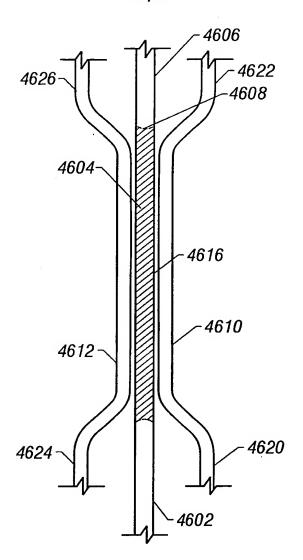


FIG. 46A

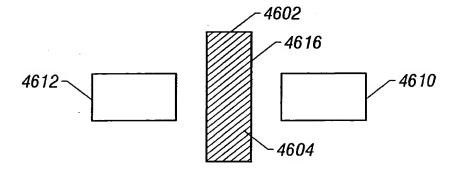


FIG. 46B

Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES

Inventor: YJ. TICKNOR et al.
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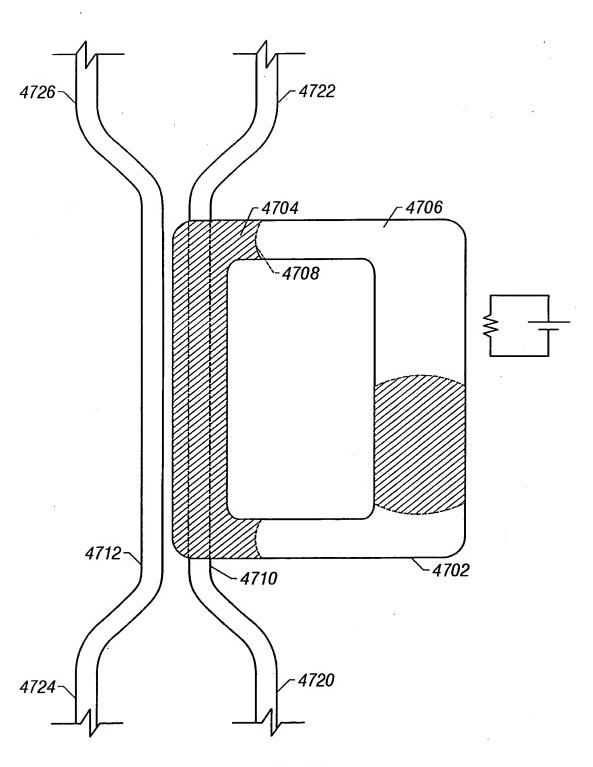


FIG. 47

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Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES.
VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES
Inventor: Application of the Docket No. 3722002400

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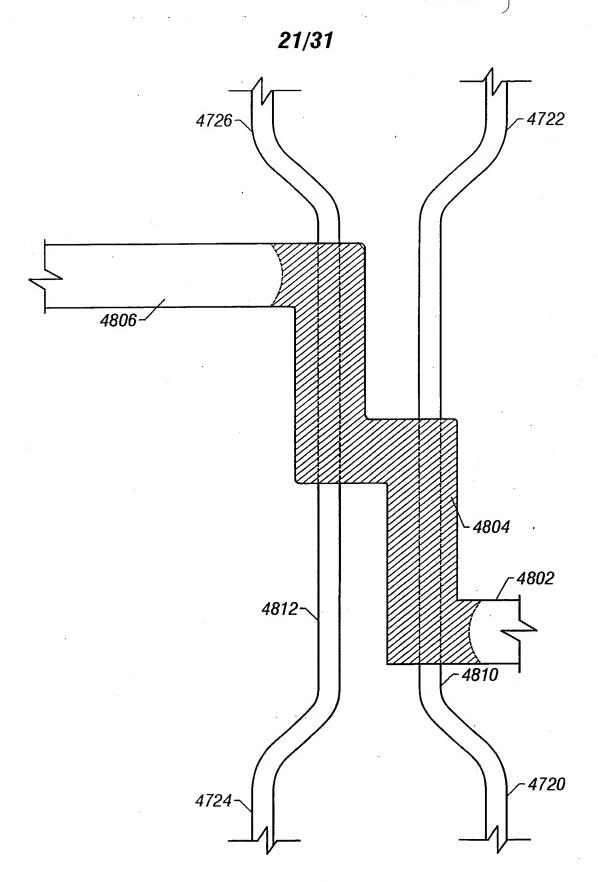


FIG. 48

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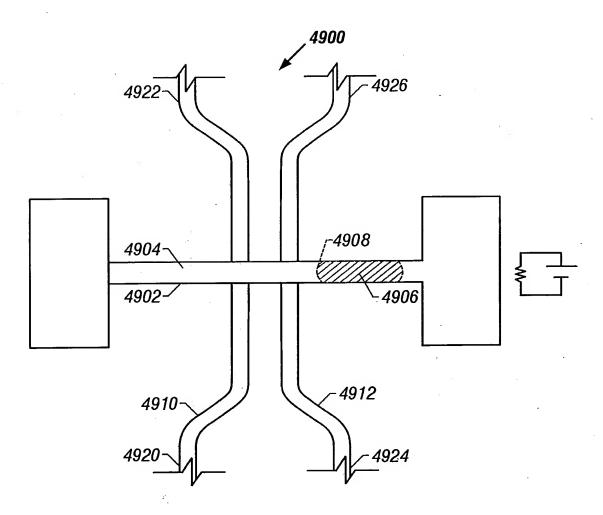


FIG. 49

VARIABLE ATTENUATORS, AND Inventor: ony J. TICKNOR et al. Applica .: To Be Assigned Docket No. 573722002400

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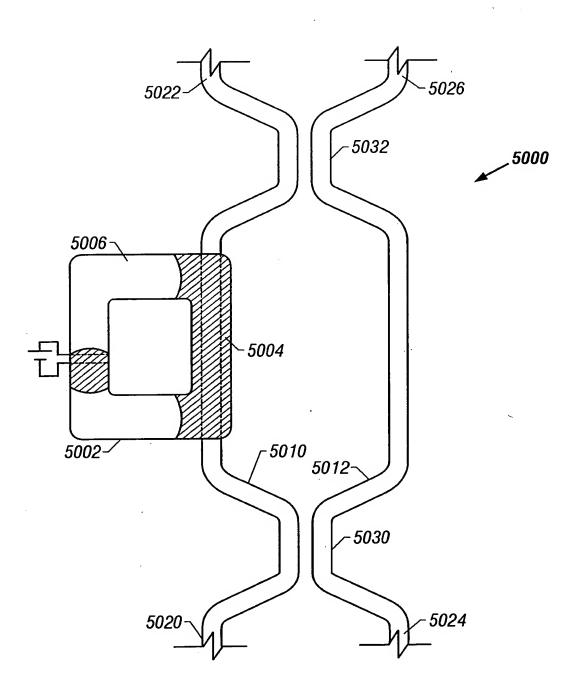
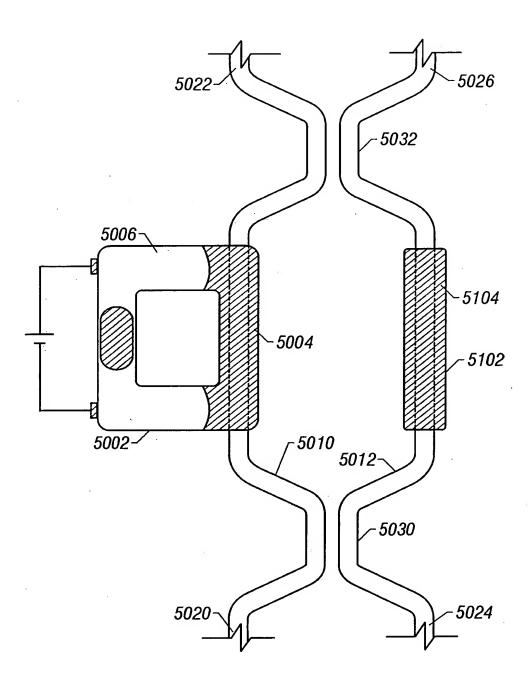


FIG. 50

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FIG. 51

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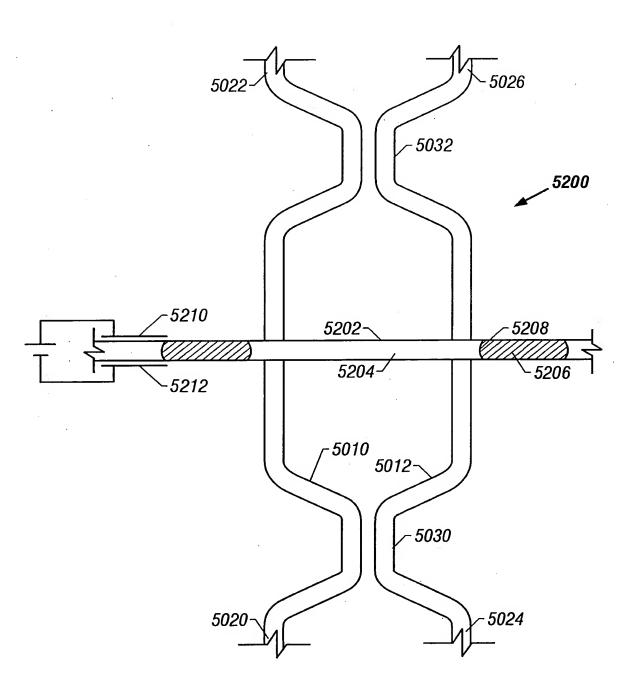


FIG. 52

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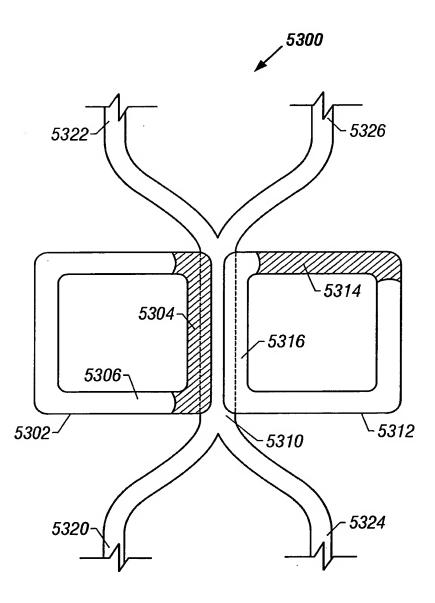


FIG. 53

Inventor: Applicati To Be Assigned Docket No. 5/3722002400

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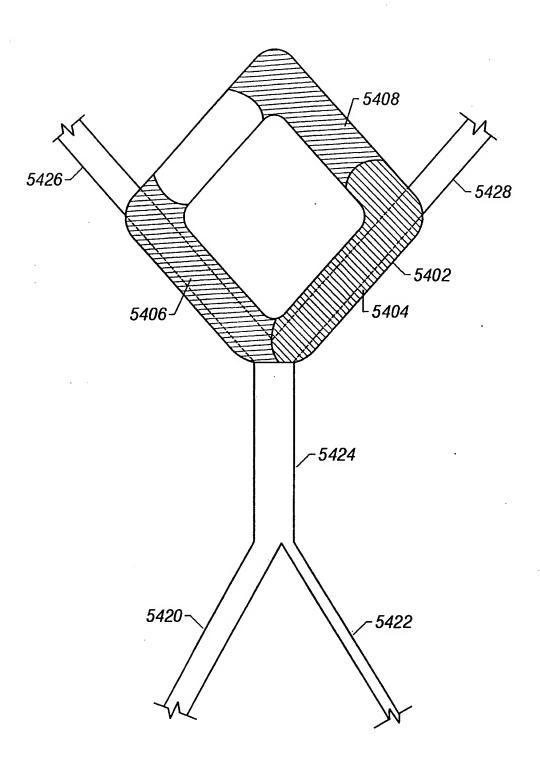


FIG. 54

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Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES Inventor: A TICKNOR et al.

Inventor: A J. TICKNOR et al. Application Docket No.: 375/122002400

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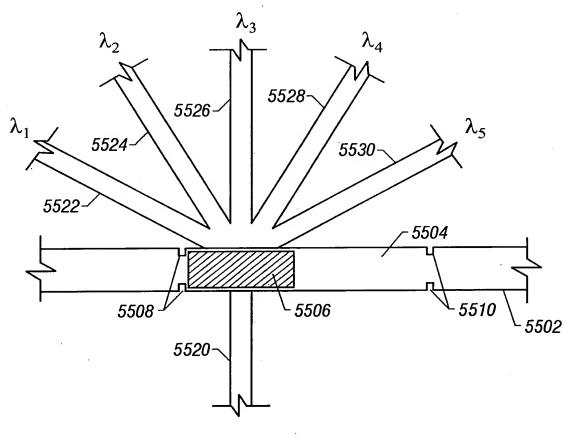


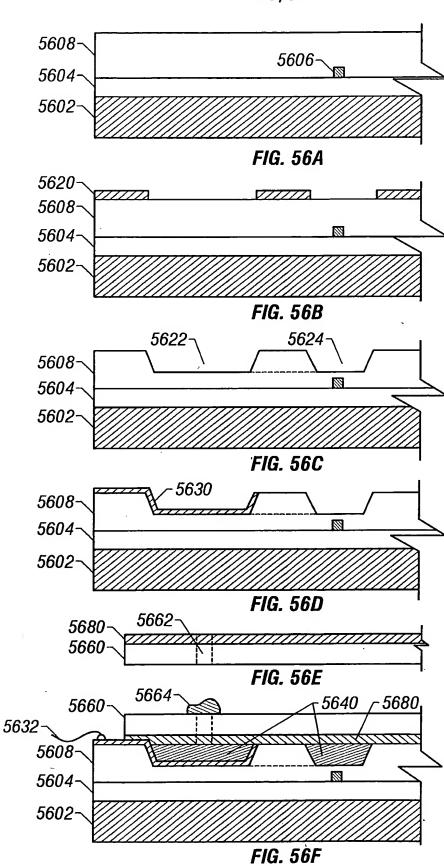
FIG. 55

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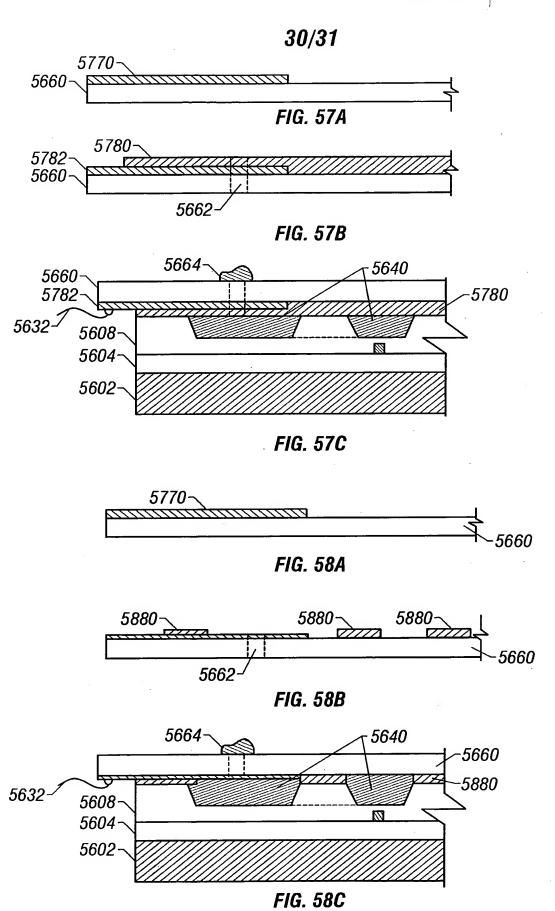
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Title: MICROFLUDIC CONTROL FOR WAVEGUIDE OPTICAL SWITCHES, VARIABLE ATTENUATORS, AND OTHER OPTICAL DEVICES Inventor: Anti-Control of the Control of the Cont

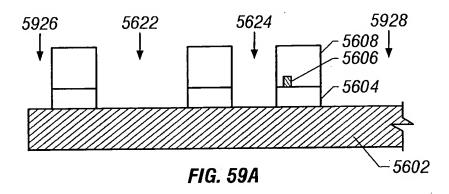
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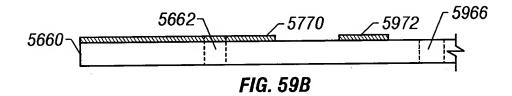


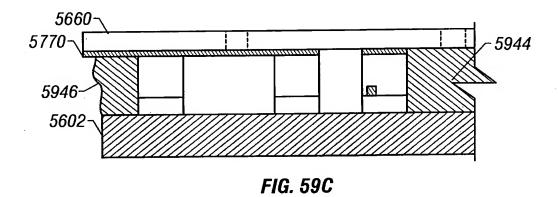
Be Assigned Application N Docket No.: 375-22002400

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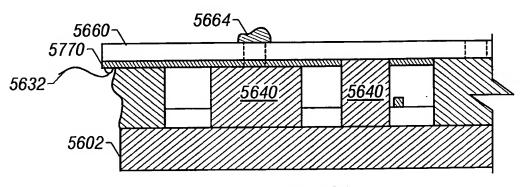


FIG. 59D